

IN THE CLAIMS

*The status of the claims as presently amended is as follows:*

1. (Currently Amended) A doppler type ultrasonic flow meter for measuring the volumetric flow of a measurement object fluid using doppler shift of ultrasound, characterized in that comprising:

~~the doppler type ultrasonic flow meter has 1 a pair of ultrasonic transducers for performing transmission of transmitting ultrasound and receiving of an ultrasound echo of reflected ultrasound, the [[1]] pair of ultrasonic transducers are being disposed on the outside of the pipe, on an extension line of a measurement line for performing measurement of doppler shift, symmetrically about the center axis of a pipe with [[a]] the measurement object fluid flowing therethrough its inside, and on the outside of the pipe,~~

~~and wherein a flow profile for the side opposite, with respect to the center axis of the pipe, the side on which the respective ultrasonic transducer is disposed is used for the calculation of the volumetric flow of the measurement object fluid.~~

2. (Currently Amended) A doppler type ultrasonic flow meter according to claim 1, characterized in that of the ultrasonic transducers forming the pair, wherein after ultrasound from a first one of the pair of ultrasonic transducers is radiated into the pipe and a flow profile for the opposite side with respect to the center axis of the pipe from the side on which the first one ultrasonic transducer is disposed is calculated, ultrasound is radiated into the pipe from the second other of the pair of ultrasonic transducers, and a flow profile for the opposite side from the side on which the second other ultrasonic transducer is disposed is calculated.

3. (Currently Amended) A doppler type ultrasonic flow meter according to claim 1, characterized in that of the ultrasonic transducers forming the pair, wherein after ultrasound is radiated into the pipe alternately from the first one of the pair of ultrasonic transducers and from the second other of the pair of ultrasonic transducers, with respect to the center axis of the pipe, flow profiles are respectively calculated for the opposite sides from the sides on which the first one ultrasonic transducer and the second other ultrasonic transducer are disposed.